

Message

From: Thomas, Katie (Sanders) [Katie_Thomas@sanders.senate.gov]
Sent: 7/27/2017 8:43:59 PM
To: Brown, Rudy [Brown.Rudy@epa.gov]
Subject: RE: Ammonia in Residential Heat Pump Applications

Thank you, Rudy!

From: Brown, Rudy [mailto:Brown.Rudy@epa.gov]
Sent: Thursday, July 27, 2017 4:40 PM
To: Thomas, Katie (Sanders) <Katie_Thomas@sanders.senate.gov>
Subject: RE: Ammonia in Residential Heat Pump Applications

Katie,

I am sorry that I have not been able to respond sooner. I am not aware of rules here for residential applications. It is my hope to receive confirmation from program staff soon.

Thanks.

From: Thomas, Katie (Sanders) [mailto:Katie_Thomas@sanders.senate.gov]
Sent: Thursday, July 27, 2017 2:48 PM
To: Brown, Rudy <Brown.Rudy@epa.gov>
Cc: Pero, Haley (Sanders) <Haley_Pero@sanders.senate.gov>; Hinch, Ethan (Sanders) <Ethan_Hinch@sanders.senate.gov>; Akerlof, Karen (Sanders) <Karen_Akerlof@sanders.senate.gov>
Subject: Re: Ammonia in Residential Heat Pump Applications

Hey Rudy,

I am curious if you ever found anything on this constituent request for information below?

Thanks
KT

Katie Thomas
Policy Advisor for Energy and Environment
Senator Bernie Sanders
332 Dirksen Senate Office Building
[\(202\) 224-5141](tel:2022245141)

Sent from my phone, so please excuse any errors.

On Jun 28, 2017, at 4:04 PM, Thomas, Katie (Sanders) <Katie_Thomas@sanders.senate.gov> wrote:

Hey Rudy,

Can you help us out with a question we got from a constituent regarding federal restrictions on the use of Ammonia in residential heat pump applications? We're not aware of any existing restrictions, so we wanted to check with you.

Thanks!
KT

Katie Thomas
Policy Advisor for Energy and Environment
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From: Hinch, Ethan (Sanders)
Sent: Wednesday, June 28, 2017 3:51 PM
To: Thomas, Katie (Sanders) <Katie.Thomas@sanders.senate.gov>; Akerlof, Karen (Sanders) <Karen_Akerlof@sanders.senate.gov>
Subject: Ammonia in Residential Heat Pump Applications

Hi Katie and Karen,

We received the following constituent letter back in February:

Hi,

on the energy committee could you R717 (Ammonia) NH3 Refrigerant pass or approve permit the use of R717 (Ammonia) NH3 Refrigerant in all applications including residential heat pump applications

Are either of you familiar with federal restrictions on the use of Ammonia in residential heat pump applications? I'm not able to find anything online that indicates that there are any restrictions, just that concentrated ammonia is highly toxic and risky to use in domestic applications.

Thanks!

Ethan Hinch
Legislative Correspondent
Office of Senator Bernie Sanders
322 Dirksen Building
Washington, D.C. 20510
202-224-5141